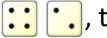


At Home Math Games with playing cards:

Game Name:	Materials Needed:	Directions:
<p>Make 10 Go fish (Structuring)</p>	<ul style="list-style-type: none"> 1 Deck of playing cards - Remove all of the face cards and the 10 cards. You will be left with four cards each, numbers 1-9 (Aces will be equal to 1) 2 or more players <p>Link to online deck of cards: https://www.random.org/playing-cards/</p>	<ul style="list-style-type: none"> Deal each player five cards. Place the stack of remaining cards face down in the middle of the table. This is the "Go Fish" pile. Before beginning game play look for pairs of cards in your hand with a sum of 10. Place all pairs with a sum of 10 face up on the table in front of you. Draw from the Go Fish pile to replace the cards so you still have five cards in your hand. For example if you have a hand with 2-2-3-8-7, place 2-8 and 3-7 on the table and draw four more cards. To begin, as in traditional Go Fish, players take turns asking each other for their desired card. However, instead of seeking out pairs of the same card, players want pairs to make the sum of 10. For example, if I hold a 5, 3, 2, 4, 9, I might ask for a 5 so I can "make 10.
<p>Make Ten Card Game (Structuring)</p>	<ul style="list-style-type: none"> 1 Deck of playing cards - Remove all of the face cards and the 10 cards. You will be left with four cards each, numbers 1-9 (Aces will be equal to 1) 2 or more players <p>Link to online deck of cards: https://www.random.org/playing-cards/</p>	<ul style="list-style-type: none"> One player is the dealer. The dealer places 7 cards face up on the table Player 1 looks for 2 cards that can make 10. For example, if there are the following cards: A, 5, 4, 6, 8, 3, 4, then player 1 chooses the 4 and 6 card and says, "4 + 6 = 10". Player 1 keeps her cards. The dealer then replaces the two cards with 2 new cards. The next player continues as player 1. The game continues until all of the card are gone. (It is important that the dealer makes sure there is at least one match on the table)
<p>Ten or Twenty Math Game (Structuring)</p>	<ul style="list-style-type: none"> 1 Deck of playing cards - Remove all of the face cards. You will be left with four cards each, numbers 1-10 (Aces will be equal to 1) 2 or more players <p>Link to online deck of cards: https://www.random.org/playing-cards/</p>	<ul style="list-style-type: none"> Each player is dealt 5 cards to hold in their hand. The remaining cards are placed face down in a pile in the center. The top card is turned over and placed beside the pile. Players take turns to pick up the top card of the pile or the top card of the discard pile. If the player can make a set of 3 cards that total 10 or 20 in value, the set is put down facing up in front of the player. The player finishes the turn by discarding a card face up on the discard pile. If the player has made a set of 3 on their turn they also pick up three more cards from the pile to restore their hand to 5 cards. The winner is the person who has made the most sets when all of the pile is gone.

<p>Number Battle (Number Identification)</p>	<ul style="list-style-type: none"> • 1 Deck of playing cards - Remove all of the face cards. You will be left with four cards each, numbers 1-10 (Aces will be equal to 1) • 2 players <p>Link to online deck of cards:</p> <ul style="list-style-type: none"> • https://www.random.org/playing-cards/ 	<ul style="list-style-type: none"> • Deal out all of the cards to each player. • Player one and player two turn over the first card in their pile. • Determine which card has a higher value. • The player with the higher value wins the round and keeps the cards • Continue the play until all cards have been used. • The winner is the player with the most cards. <p>Tip: Have students practice comparing with the two cards that are face up on the table. Example: if there is a 9 and 5 card face up, student can say, "9 is greater than (more than) 5," or "5 is less than 9."</p>
<p>Counting on Card Game (Counting on practice)</p>	<ul style="list-style-type: none"> • 1 Deck of playing cards - Remove all of the face cards. You will be left with four cards each, numbers 1-10 (Aces will be equal to 1) • 1 or 2 dice • 2 or more players • Open number line (optional) <p>Link to online deck of cards:</p> <ul style="list-style-type: none"> • https://www.random.org/playing-cards/ <p>Link to online dice:</p> <ul style="list-style-type: none"> • https://www.random.org/dice/?num=2 <p>Link to online number line:</p> <ul style="list-style-type: none"> • https://www.fuelthebrain.com/games/number-line/ 	<ul style="list-style-type: none"> • Place the cards face down on the table. • Player 1 turns over the top card and then rolls the dice. • Player one counts on from the number shown on the card. For example, if the card turned over is a 3 and the dice show a , the player would say 3, 4, 5, 6, 7, 8, 9. They counted forward 6 to get to 9. • Take turns flipping the cards, rolling and adding the dice together, and counting on. • Tip: For younger players, you may want to use the open number line to help them count on and/or use 1 die instead of 2.
<p>Addition/Multiplication Quick Draw (Addition) (Multiplication)</p>	<ul style="list-style-type: none"> • 1 Deck of playing cards - Remove all of the face cards. You will be left with four cards each, numbers 1-10 (Aces will be equal to 1) • 2 players <p>Link to online deck of cards:</p> <p>https://www.random.org/playing-cards/</p>	<ul style="list-style-type: none"> • Deal out all of the cards to each player. • One player calls, "Draw" and both players turn over their top card and place it face up in the center. • The players add (multiply) the two numbers together and the first player to call out the total wins the two cards.

		<ul style="list-style-type: none"> After all cards have been used, the players count the number of cards that they have won. The winner is the person who has the most cards.
Flip Three Math Game (Addition, Subtraction, Multiplication, Division)	<ul style="list-style-type: none"> 1 Deck of playing cards - Remove all of the face cards. You will be left with four cards each, numbers 1-10 (Aces will be equal to 1) 2 or more players <p>Link to online deck of cards:</p> <ul style="list-style-type: none"> https://www.random.org/playing-cards/ 	<ul style="list-style-type: none"> Set out all of the cards in rows face down. Players take turns to flip over three cards and attempt to make an equation using the three cards. The equation can be an addition, subtraction, multiplication or division, e.g. $3+3=6$, $8-5=3$, $2\times 1=2$, $10\div 2=5$. If the player can make an equation they keep the cards. If they can't make an equation the cards are flipped back over in the same place. Continue playing until only 7 cards remain. The winner is the player who has the most cards.
Largest Number Card Game (Place Value)	<ul style="list-style-type: none"> 1 Deck of playing cards - Remove all of the face cards and the 10 cards. You will be left with four cards each, numbers 1-9 (Aces will be equal to 1) 2 or more players <p>Link to online deck of cards:</p> <ul style="list-style-type: none"> https://www.random.org/playing-cards/ 	<ul style="list-style-type: none"> Deal 2, 3 or 4 cards to each player. Players arrange their cards to make the largest possible number with the cards that they have been dealt, e.g. with cards 2, 5 and 8, a player would make 852. The player with the largest number in each round keeps the cards they were dealt. The game ends when there are not enough cards to deal out. The winner is the player who has collected the most cards.